

9-275-F
(Apr. 93)

U.S. Department of the Interior
U.S. Geological Survey

Meas. No. _____

Water Resources Division

Comp. by _____

Sta. No. _____ **DISCHARGE MEASUREMENT NOTES** Checked by _____

Onyx River @ LWRT
Date 01/20/00 Party EG MG
Width 17.5 ft. Area 10.62 ft² Vel. 0.736 ft/s G.H. _____ Disch. 7.82 cfs
Method wading No. Sec. _____ G.H. Change _____ in _____ hrs. Susp. _____
Method coef. _____ Hor. angle coef. _____ Susp. coef. _____ Meter No. _____
Type of meter pygmy Date rated _____ Tag checked _____
Meter _____ ft. above bottom of wt. Spin before meas. _____ after _____
Meas. Plots _____ % diff from _____ rating. Levels obtained yes

GAGE READINGS					WATER QUALITY MEASUREMENTS	
Time	Inside	WT	SC	Outside	No.	Yes.
1345	1.69	2.94	24.5	0.392	Time <u>1405</u>	
1435				0.393	Samples Collected	
1500	1.71			0.395	No.	Yes.
					Time <u>1405</u>	
					Method Used	
					EDL.	EWI.
					Other.	
					SEDIMENT SAMPLES	
					No.	Yes.
					Time.	
					Method Used	
					EDL.	EWI.
					Other.	
					BIOLOGICAL SAMPLES	
Weighted MGH					Yes.	Time.
GH correction					No.	Type.
Correct MGH						

Check bar, chain found _____ changed to _____ at _____
Wading, cable, ice, boat, upstr., downstr., side bridge 20 feet, mile, above, below, gage.
Measurement rated excellent(2%), good(5%), fair(8%), poor(over 8%); based on following cond:
Flow _____
Cross section _____
Control _____
Gage operating yes Weather breezy, cool, sunny
Intake/Orifice cleaned No Air _____ °C@ _____ Water _____ °C@ _____
Record removed yes Extreme Indicator: Max _____ Min _____
N₂ Pressure Tank 1400 Feed 10 Bbl rate _____ per min. Batt volt 13.8
CSG checked _____ Stick reading _____
Observer _____
HWM _____ outside, in well _____
Remarks swapped SM @ 1355
SC_m = 26 m/s
WT_m = 3.9 °C

